ABSTRACT

A relatively very fast and scalable algorithm, preferably in the form of software residing on a server, is provided for transmitting data in the form of equations or database input to and from small palm OS, pocket PCs, handheld PCs, web enabled phones or convergence devices such as web enabled phones with complete PDA systems built into the phone. The server based algorithm is efficient precisely because it minimizes information through put to and from the PDA. An integral part of the server is a "front end" page, referred to as WDIE *feather*, where the page is carefully derived not on the basis of "content" but on the basis of "context" which provides the minimum and necessary information to the user.

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